

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE (ER 1130-2-316)					Page 1 of 1		
					September 1999		
TO: Executive Director, Florida Inland Navigation District 1314 Marcinski Road, Jupiter, FL, FL				FROM: USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida			
RIVER/HARBOR NAME AND STATE Intracoastal Waterway, Brevard Co., FL				MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Middle Half (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)			

IWW, vicinity of Haulover Canal: Cuts BV-1 to BV-4, from red Light-38 south to US-1/SR A-1-A Bridge	Jul-1999	125	2.1	12	7.4 (1)	8.4 (1)	9.5 (1)
Cut BV-4 & BV-5: from US-1/SR A-1-A Bridge south to red Light-12	Jul-1999	125	4.9	12	6.2 (2)	6.9 (2)	6.0 (2)
Widener of Cuts BV-5 & BV-6: from green Daybeacon-11 to green Daybeacon-13	Jul-1999	0-100	0.1	12	6.9 (3)	7.1 (3)	7.6 (3)
Cuts BV-6 to BV-8: from red Light-12 south to the FEC RR Bridge	Jul-1999	125	2.6	12	7.7 (4)	7.6 (4)	7.3 (4)
Cuts BV-8 to BV-9: from FEC RR Bridge south to a point 1 mile south of red Light-26	Jul-1999	125	2.1	12	9.5 (5)	10.5 (5)	10.0 (5)

Remarks:

1. Shoaling along both edges of channel from red Light-38 to approximately 200 feet south of green Daybeacon-43, then extending across most of channel to green Daybeacon-47. Shoaling continues 900 feet northerly of US-1/SR A-1-A Bridge and extends for 500 feet toward bridge. Least depth occurs approximately 150 feet east of red Daybeacon-44 on eastern side of channel.
2. Shoaling across entire channel from 3,300 feet (0.54 nm) south of US-1/SR A-1-A Bridge to red Light-12. Least depth occurs approximately 1,850 feet (0.3 nm) south of red Daybeacon-2.
3. Shoaling throughout entire widener.
4. Shoaling across entire channel from red Light-12 to 1,700 feet north of RR Bridge. Least depth occurs at red Light-12.
5. Shoaling throughout channel mainly along both edges from approximately 800 feet south of RR Bridge to green Daybeacon-27. Shoaling then extends across entire channel from Daybeacon-27 to 3,300 feet (0.54 nm) south. Least depth occurs approximately 2,500 feet (0.41 nm) south of Daybeacon-27.